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Dated: 10-13-04 Signature: Andrea Berlo  
(Andrea Berlo)

Docket No.: MDSP-P01-152  
(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Jarrod A. Marto

Application No.: 10/627309

Confirmation No.: 1922

Filed: July 25, 2003

Art Unit: N/A

For: SYSTEMS AND METHODS FOR  
ANALYSIS OF PROTEIN POST-  
TRANSLATIONAL MODIFICATION

Examiner: Not Yet Assigned

### INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

A copy of the non-patent literature references on the PTO/SB/08 are attached.

A concise explanation of relevance of the items listed on form PTO/SB/08 is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information

as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

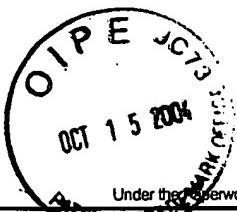
The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 18-1945, under Order No. MDSP-P01-152. A duplicate copy of this paper is enclosed.

Dated: October 13, 2004

Respectfully submitted,

By \_\_\_\_\_  
Yu Lu

Registration No.: 50,306  
ROPES & GRAY LLP  
One International Place  
Boston, Massachusetts 02110-2624  
(617) 951-7000  
(617) 951-7050 (Fax)  
Attorneys/Agents For Applicant



PTO/SB/08a/b (08-03)

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Substitute for form 1449A/B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

				<i>Complete if Known</i>
Application Number				10/627309
Filing Date				July 25, 2003
First Named Inventor				Jarrod A. Marto
Art Unit				N/A
Examiner Name				Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number
MDSP-P01-152				

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
AA	US-6,375,947-B1	04-23-2002	Bolen et al.		
AB	US-6,075,121	06-13-2000	Simone et al.		
AC	US-US2003/0082575-A1	05-01-2003	Schultz et al.		

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>4</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	Budisa, N. et al., "Residue-specific bioincorporation of non-natural, biologically active amino acids into proteins as possible drug carriers: Structure and Stability of the per-thiaproline mutant of annexin V," Proc. Natl. Acad. Sci. USA 1998. Vol. 95, pp. 455-459.	
	CB	Zhou et al., "A Systematic Approach to the Analysis of Protein Phosphorylation. Nature Biotechnology," Vol. 19: 375-378, 2001.	
	CC	Oda et al., "Enrichment Analysis of Phosphorylated proteins as a tool for probing the phosphoproteome," Nature Biotechnology Vol. 19: 379-382, 2001.	
	CD	Zarling et al., "Phosphorylated Peptides are Naturally Processed and Presented by Major Histocompatibility Complex Class I Molecules In Vivo," J. Exp. Med. 192(12): 1755-1762, 2000.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered
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